

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s) : Guillermo J. TEARNEY et al.  
Appln. Serial No. : 10/551,735  
Filed : September 29, 2005  
Entitled : SPECKLE REDUCTION IN OPTICAL COHERENCE  
TOMOGRAPHY BY PATH LENGTH ENCODED  
ANGULAR COMPOUNDING  
Group Art Unit : 2877  
Examiner : Samuel A. Turner  
Confirmation No. : 6550

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION**

Sir:

This paper is filed in response to a non-final Office Action dated May 23, 2007. Prior to further examination, please amend the application, and consider the remarks as set forth herein below.

**IN THE ABSTRACT:**

Please replace the originally-filed Abstract with the following Abstract provided on a separate sheet: